

ES-96
10/090,951



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9/16/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the application of:
Clough

GROUP ART UNIT: 1745

Serial No.: 10/090,951

Filed: March 4, 2002

Examiner: Weiner, Laura S
(Prior Application)

For: BATTERY ELEMENT
CONTAINING EFFICIENCY
IMPROVING ADDITIVES

PRELIMINARY AMENDMENT

To: Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

RECEIVED
SEP 9 - 2002
TC 1700

IN THE CLAIMS

Please amend Claims 1 to 32 as follows:

AV50AB>
Claim 1 (Once Amended) A silica filled polymeric separator useful as an electrolyte reservoir in a lead acid battery wherein the silica filled polymeric separator comprises an acid resistant metal impurity inhibiting amount of micronized porous organic polymer particles having a 50 percent number count less than about 2 microns and functional groups on the internal surfaces of the micronized porous organic polymer particles which have a preferential affinity over lead ion for at least one electrolyte soluble metal cation impurity ion more nobler than lead at the discharge charge